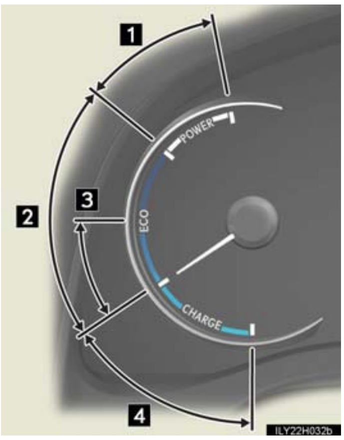
Hybrid System

Your vehicle is a hybrid vehicle. It has characteristics different from conventional vehicles. Be sure you are closely familiar with the characteristics of your vehicle, and operate with care.
The hybrid system combines the use of a gasoline engine and an electric motor (traction motor) according to driving conditions, improving fuel efficiency and reducing exhaust emissions.
For details, refer to the “Owner’s Manual”.

Hybrid System Indicator



1 Power area
Shows that an Eco-friendly driving range is being exceeded (during full power driving etc.)

2 Eco area
Shows that the vehicle is being driven in an Eco-friendly manner.

3 Hybrid Eco area
Shows that gasoline engine power is not being used very often.
The gasoline engine will automatically stop and restart under various conditions.

4 Charge area
Shows that energy is being recovered via the regenerative brake.

- Hybrid System Indicator is displayed when the driving mode is other than the sport mode.
- By keeping the indicator needle within Eco area, more Eco-friendly driving can be achieved.
- Charge area indicates regeneration* status. Regenerated energy will be used to charge the battery.

*: When used in this manual, “regeneration” refers to the conversion of energy created by the movement of the vehicle into electrical energy.

■ Charging the hybrid battery (traction battery)

When shift position N is selected, the hybrid battery (traction battery) will not be charged. Thus, select P when the vehicle is stopped.
In addition, when driving in heavy traffic, use D or B.

■ Regenerative braking

The motor generator converts kinetic energy to electric energy when:

- The accelerator pedal is released while driving with the shift position in D or B.
- The brake pedal is depressed while driving with the shift position in D or B.

■ Sounds and vibrations specific to a hybrid vehicle

There may be no engine sounds or vibration even though the vehicle is able to move. For safety, apply the parking brake and make sure to shift the shift position to P when parked.
The following sounds or vibrations may occur when the hybrid system is operating and are not a malfunction:

- Motor sounds may be heard from the engine compartment.
- Sounds may be heard from the hybrid battery (traction battery) behind the rear seats when the hybrid system starts or stops.
- Sounds may be heard from the transmission when the gasoline engine starts or stops, when driving at low speeds, or during idling.
- Engine sounds may be heard when accelerating sharply.
- Sounds may be heard due to regenerative braking when the brake pedal is depressed and accelerator is loosened.
- Other sounds, such as motors and mechanical noises, may be heard from the brake system when the brake pedal is depressed.
- Vibration may be felt when the gasoline engine starts or stops.
- Cooling fan sounds may be heard from the air intake vent on the side of rear right seatback.

■ Running out of fuel

When the vehicle has run out of fuel and the hybrid system cannot be started, refuel the vehicle with at least enough gasoline to make the low fuel level warning light go off. If there is only a small amount of fuel, the hybrid system may not be able to start.
(The minimum amount of fuel to add to make the low fuel level warning light go out is about 3.1 gal. [11.8 L, 2.6 Imp.gal.], when the vehicle is on a level surface. This value may vary when the vehicle is on a slope.)

Energy Monitor/Consumption Screen

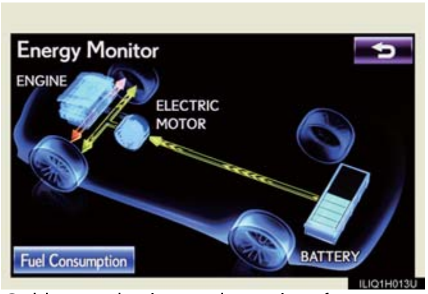
You can view the status of your hybrid system on the multi-information display and the navigation system screen.

Energy monitor

The energy monitor can be displayed on both the navigation system screen and the multi-information display.

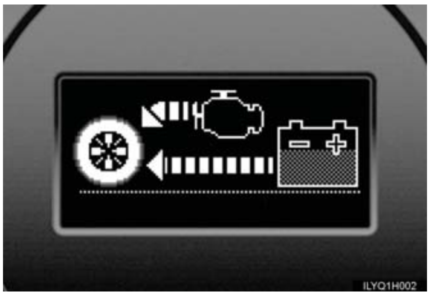
- How to display on the navigation system screen (if equipped):

1. Press the "MENU" button on the Remote Touch.
   Please refer to P.42 for the Remote Touch operation.
2. Select "Info/Apps" ("Info") on the "Menu" screen.
3. Select "Fuel Consumption" on the "Information" screen.
   If the "Energy Monitor" screen is not displayed, select "Energy".



The flow of energy is displayed on the navigation system screen.
Amber: gasoline energy
Yellow: electrical energy
Green: energy recovery
A green arrow appears when regenerative braking occurs.

- How to display on the multi-information display:
  Press the "DISP" switch on the steering wheel several times to select the energy monitor display.



The flow of energy is indicated by the movement of the arrows on the multi-information display.

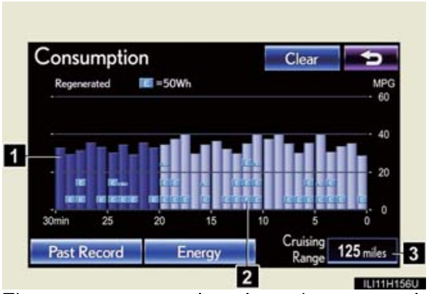
The displayed energy flow, battery level, etc. will change in response to the current driving conditions.

■ Consumption (vehicles with a navigation system)

1 Press the “MENU” button on the Remote Touch.
Please refer to P.42 for the Remote Touch operation.

2 Select “Info/Apps” (“Info”) on the “Menu” screen.

3 Select “Fuel Consumption” on the “Information” screen.
If the “Consumption” screen does not appear, select “Fuel Consumption” on the “Energy Monitor” screen or “Consumption” on the “Past Record” screen.



1 Fuel consumption per minute

2 Regenerated energy per minute

E : One symbol indicates 50 Wh.

3 Cruising range

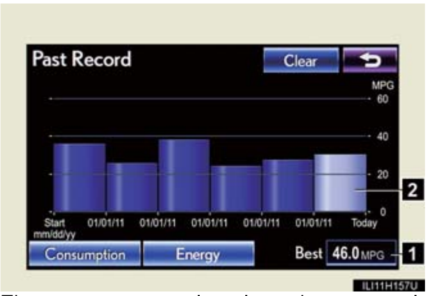
The image is example only, and may vary slightly from actual conditions.

■ Past record (vehicles with a navigation system)

1 Press the “MENU” button on the Remote Touch.
Please refer to P.42 for the Remote Touch operation.

2 Select “Info/Apps” (“Info”) on the “Menu” screen.

3 Select “Fuel Consumption” on the “Information” screen.
If the “Past Record” screen does not appear, select “Fuel Consumption” on the “Energy Monitor” screen or “Past Record” on the “Consumption” screen.



1 Best past fuel consumption

2 Average fuel consumption
Use the displayed average fuel consumption as a reference.

The image is example only, and may vary slightly from actual conditions.

■ Hybrid warning message

A message is automatically displayed when a malfunction occurs in the hybrid system or an improper operation is attempted.



If a warning message is shown on the multi-information display, read the message and follow the instructions.